	Application No.	Applicant(s)
Notice of Allowability	09/944,598	SATO ET AL.
	Examiner	Art Unit
	Javid A. Amini	2628
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate commu CIGHTS. This application is s	this application. If not included inication will be mailed in due course. <b>THIS</b>
1. This communication is responsive to <u>10/05/2007</u> .		
2. X The allowed claim(s) is/are 6-8, 17-26, the new renumbers	ed claims are 1-13.	
<ul> <li>3.  Acknowledgment is made of a claim for foreign priority unals a)  All b)  Some* c)  None of the:</li> <li>1.  Certified copies of the priority documents have</li> </ul>	e been received.	
2.  Certified copies of the priority documents have	• •	
3. Copies of the certified copies of the priority do	ocuments have been received	d in this national stage application from the
International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  4. A SUBSTITUTE OATH OR DECLARATION must be subm	MENT of this application.	
INFORMAL PATENT APPLICATION (PTO-152) which giv		
5. CORRECTED DRAWINGS (as "replacement sheets") must		
(a) including changes required by the Notice of Draftspers	· · · · · · · · · · · · · · · · · · ·	( PTO-948) attached
1)  hereto or 2)  to Paper No./Mail Date	=	South a Office and the south
(b) ☐ including changes required by the attached Examiner' Paper No./Mail Date		
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t		
<ol> <li>DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT</li> </ol>		
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5. T Notice of Inf	formal Patent Application
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview Su	ummary (PTO-413),
3. Information Disclosure Statements (PTO/SB/08),	Paper No./I 7. ☐ Examiner's	Mail Date Amendment/Comment
Paper No./Mail Date <u>June 27 2007</u> 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material		Statement of Reasons for Allowance
	9. 🗍 Other	<u>-</u>

Application/Control Number:

09/944,598

Art Unit: 2628

Claims 1-5, 9-16 are cancelled.

## Allowable Subject Matter

Claims 6-8, 17-26 are allowed.

The following is an examiner's statement of reasons for allowance:

None of the prior art, either singularly or in combination, teach or fairly suggest a multidimensional lookup table producing means for producing a multidimensional lookup table by using an identifier to select a table development method suitable for color characteristics associated with a device producing the image data, the multidimensional lookup table being produced from a separate lookup table having only color characteristic points representing the supplied image data, the color characteristic points representing a relationship between a first point and a final point and any points in between the supplied image data and output image data; and multidimensional lookup table compression means for compressing the multidimensional lookup table, as recited in the independent claims 6 and 7; or a multidimensional lookup table producer for producing a multidimensional lookup table from a separate lookup table having only color characteristic points representing a supplied image data; and a compressor for compressing the multidimensional lookup table, wherein the color characteristic description apparatus outputs color characteristic data, which includes the compressed multidimensional lookup table and an identifier which is an element of the characteristic data, for identifying a restoring method for restoring the compressed multidimensional lookup table and a repairing method, as recited in the independent claim 17; or producing a multidimensional lookup table in a color characteristic description apparatus by using an identifier to select a table development method suitable for color characteristics associated with a digital camera, the multidimensional

Application/Control Number:

09/944,598

Art Unit: 2628

lookup table being produced from outputting a color characteristic data from the color characteristic description apparatus, the color characteristic data including the compressed multidimensional lookup table and an identifier which is an element of the characteristic data, for identifying a restoring method for restoring the compressed multidimensional lookup table, as recited in independent claim 22.

The references of record, US 5,809,213 discloses color reproduction systems and more particularly to methods and apparatus for color correction in color reproduction systems, and US 6,141,450 teaches a compression device in which a gray scale image is converted by a halftoning process into a binary image. A predicted image is obtained from the binary image using an algorithm and multitable lookup methods. The input gray scale image is then compared to the predicted image and the difference is encoded. This creates an enhanced layer. Inverse half toning is used to recover the original gray scale image from the distorted half tone images, but fail to teach or fairly suggest the above limitation combination as recited in independent claims 6, 7, 17, and 22.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Art Unit: 2628

## Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Javid A. Amini whose telephone number is 571-272-7654. The examiner can normally be reached on 8-4pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kee Tung can be reached on 571-272-7794. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Javid A Amini Examiner Art Unit 2628

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